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# Supply Chain Management Program

Jonathan Root

*Supply Chain 2009 Conference*  
October 15, 2009





## What We Do

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- Conduct independent assessments of suppliers to mission programs/projects
  - Assess conformance with contractual requirements and quality management standards
  - Report and share assessment findings within NASA
  - Monitor corrective actions / improvements to enable and support the provision of quality products and services
- Engage the Supplier / GSFC / NASA communities via the annual Supply Chain conference, NAMT / JAPC, SMA-D education series, AS9100 training
  - Share best practices and knowledge; address challenges and opportunities
- Build teamwork and collaboration to foster value-added results

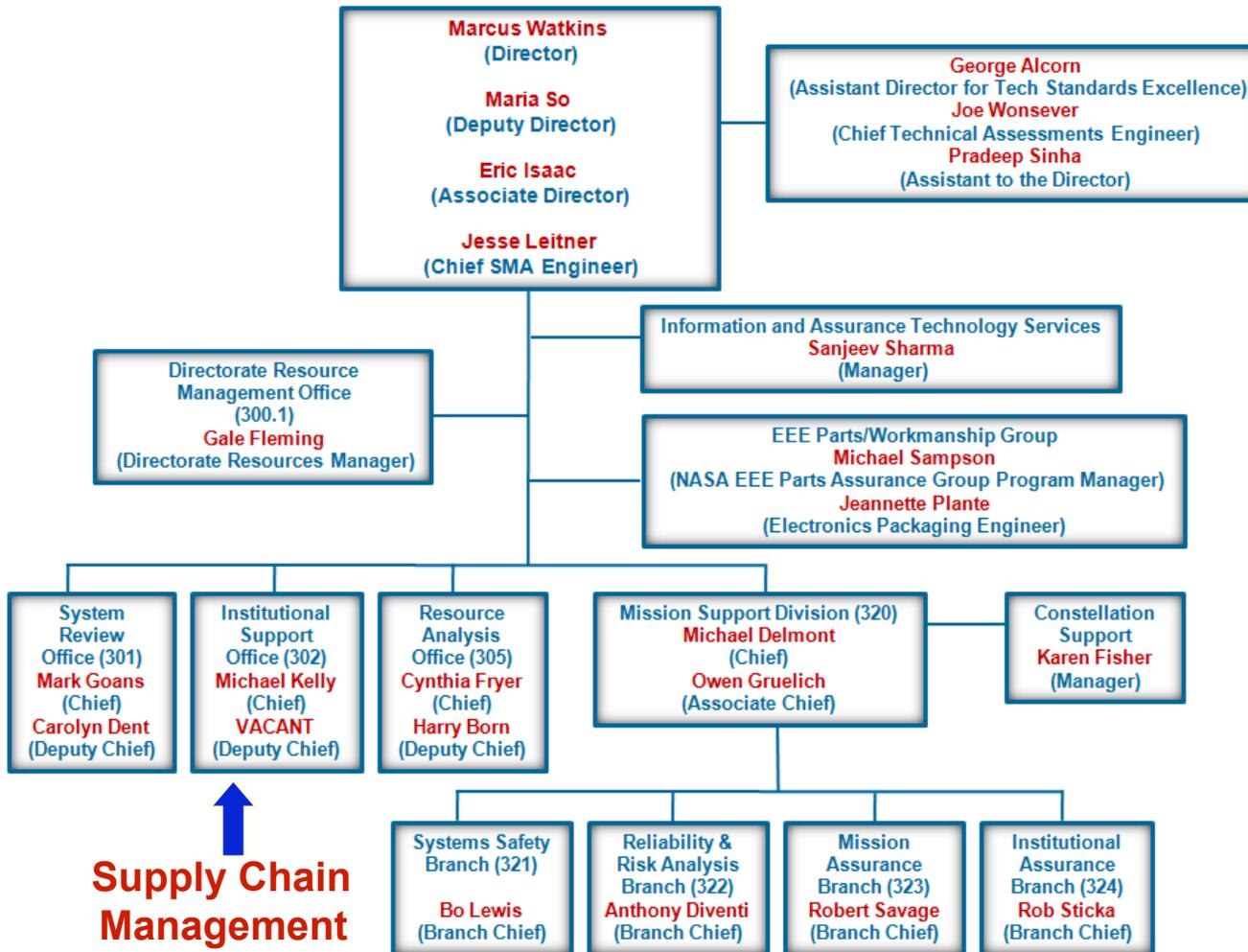
**Assuring Mission Success is  
Our Driving Focus!**

*Safety and Mission Assurance Directorate, Goddard Space Flight Center*





# GSFC's Safety & Mission Assurance Directorate



**Supply Chain Management**

Safety and Mission Assurance Directorate, Goddard Space Flight Center





# Supply Chain Management Team

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## GSFC/Code 302

- Mike Kelly
- Charles Kim
- Jonathan Root
- Louis Thomas
- Tom Clifford
- Vic DiMarco

## NCAS Lead Assessors

- Olga Ceritelli
- Brenda Brunello
- Jim Dafnis
- Charlie Robinson

Plus assessors from GSFC, NCAS and other centers!

NCAS = NASA Contract Assurance Services

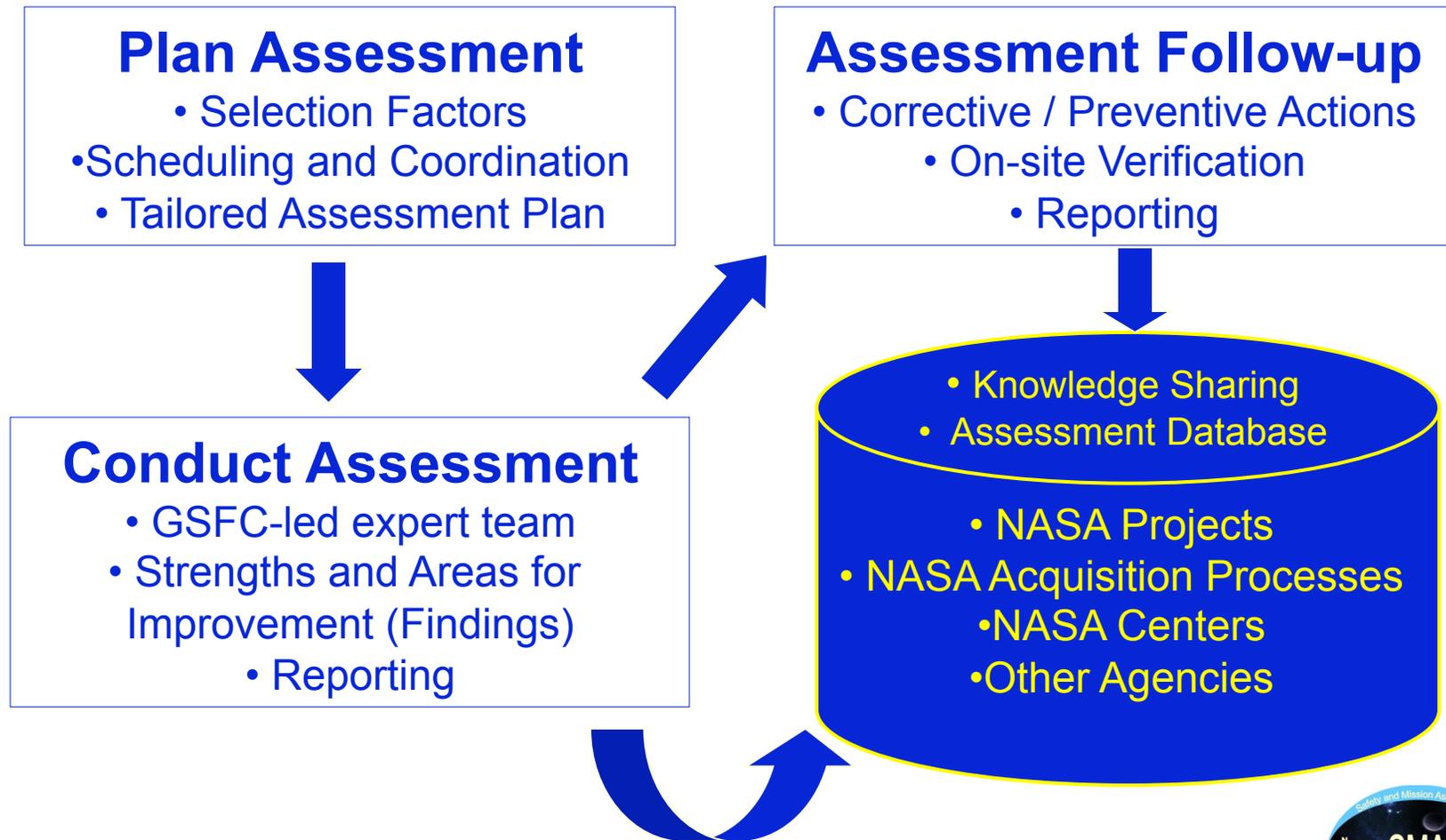
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# Process Overview

## GSFC Supplier Assessments





# Supplier Assessments

## FY 2009

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- Conducted 48 assessments of suppliers (34 full; 14 follow-up) throughout the supply chains of multiple projects
  - 48 full/follow-up assessments completed in FY 2008
- Assessments supported GSFC's portfolio of mission programs / projects, including:
  - Landsat Data Continuity Mission (LDCM)
  - Geostationary Operational Environmental Satellites (GOES)
  - James Webb Space Telescope (JWST)
  - Radiation Belt Storm Probes (RBSP)
  - Tracking and Data Relay Satellite (TDRS-K)
  - Gamma-ray Large Area Space Telescope (GLAST)
  - Global Precipitation Measurement (GPM)
  - Solar Dynamics Observatory (SDO)
- Corrective / preventive actions reviewed, underway and/or verified

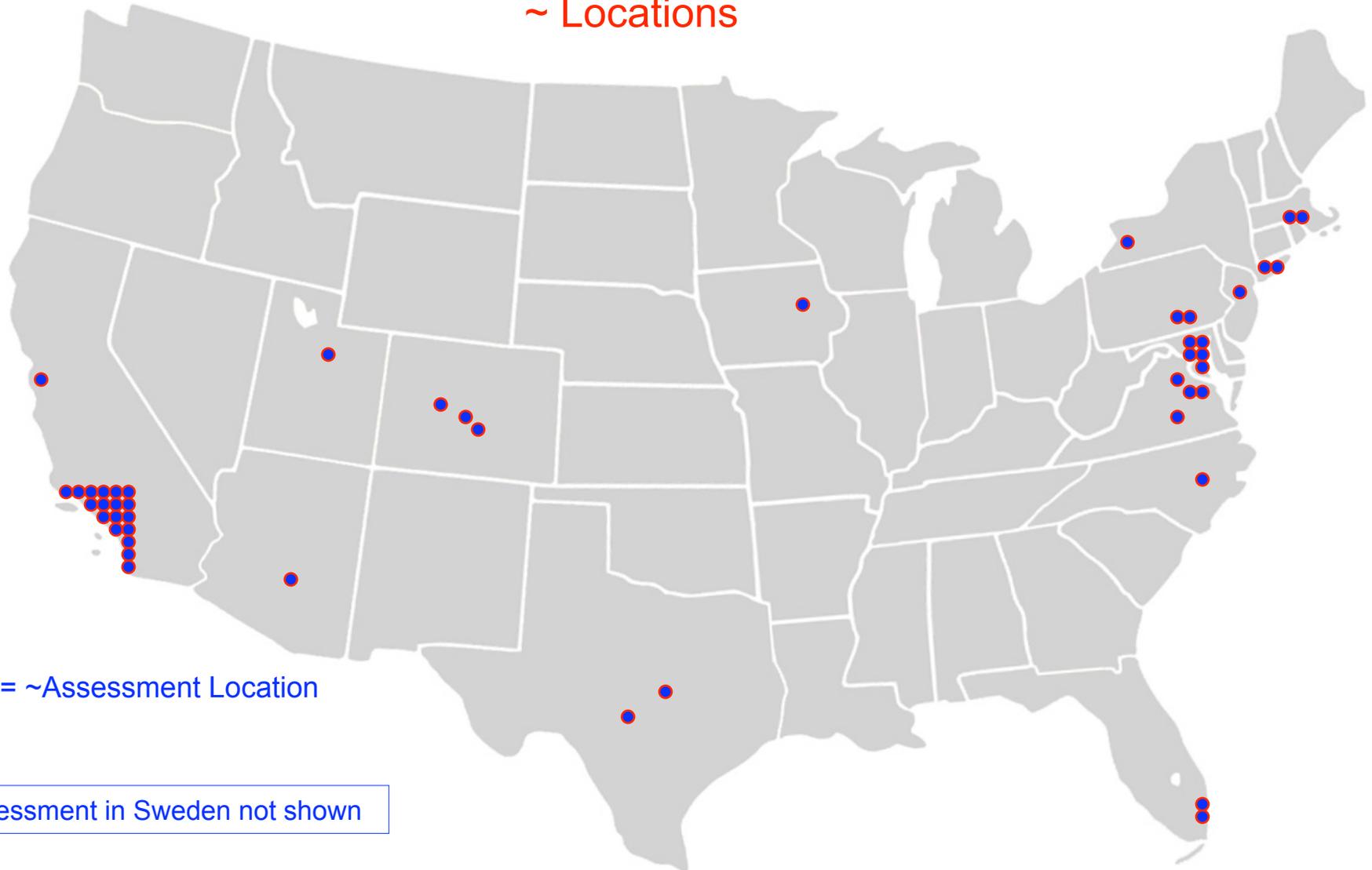




# Supplier Assessments

FY 2009

~ Locations



● = ~Assessment Location

Assessment in Sweden not shown



# Supplier Assessments

## Looking Ahead – FY 2010

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- Perform 40 to 50 assessments throughout the supplier base for GSFC mission projects
  - Primes and lower tiers: systems integrators/developers, and suppliers of subsystems, components, parts and materials
- Coordinate / collaborate with GSFC mission projects, prime contractors, and other NASA centers and federal agencies
  - Engage project CSOs (Chief Safety & Mission Assurance Officers) and management
  - Participate in NAMT / JAPC
  - Enhance assessment teams with observers / assessors from projects, other centers / agencies and direct customers / primes
- Flow “GSFC / Customer Actions” from supplier assessments into GSFC’s internal corrective action process
- Use GSFC internal auditors in supplier assessments
- Complete piloting of agency online system (SAARIS) for GSFC supplier assessments





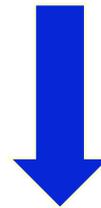
# Supplier Assessments

## Looking Ahead – FY 2010

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- And most importantly .... we will continue to work cooperatively with suppliers to:
  - Produce value-added assessment results
  - Implement effective corrective actions and foster improvements

Quality Products / Services & Customer Satisfaction



**Mission Success**





Questions?